

A LIST OF PLANTS SEEN ON THE ISLAND OF
MONHEGAN, MAINE, JUNE 20-25, 1900.

MABEL PRISCILLA COOK.

THE following list of plants on the island of Monhegan, Maine, compiled from the results of the botanizing done during so short a visit to the island, and necessarily limited to the plants of that particular season, is in no way to be considered a Flora of Monhegan. There are very few plants included in the list which were not found in bloom. I feel, however, that the territory was very well gone over as I had the advantage of the guidance of an old and enthusiastic visitor to Monhegan. The sixteen miles of ocean between the island and the "main" led me to hope that I might find some especially interesting features, in the local flora, so that it was a surprise to find what a large number of introduced species were present. The absence of salt marshes and of any true beaches eliminates a large number of those plants that we expect to find in any list from a sea-shore station. A very potent agent in the distribution of plants over the whole area of the island has been the presence of large flocks of sheep, in whose fleeces the seeds of many distinctly introduced species have been carried to the most remote parts of the island.

It will be interesting to see what effects the severe fire that devastated the eastern end of the island during the late summer and fall of 1900 will have upon the flora. A peat-bog in the center of the island burned, underground, for weeks, and a large tract of woods was destroyed.

In the following list asterisks have been employed to distinguish introduced species, and the sign † indicates plants common upon the island. The nomenclature followed is, as far as possible, that of the Synoptical Flora. I am indebted to Mr. M. L. Fernald for the determination of the Carices.

† *Thalictrum polygamum*,
Muhl.

† * *Ranunculus repens*, L.

* *R. bulbosus*, L.

† * *R. acris*, L.

† *Coptis trifolia*, Salisb.

* *Aquilegia vulgaris*, L.

† * *Sisymbrium officinale*, Scop.

† * *Capsella Bursa-pastoris*,
Moench.

† *Helianthemum majus*, B. S. P.

† *Lechea intermedia*, Leggett.

- † *Viola palmata*, L., var. *cucullata*, Gray.
V. blanda, Willd.
† *V. lanceolata*, L.
† *Arenaria lateriflora*, L.
† * *Cerastium vulgatum*, L.
† *C. arvense*, L.
† *Sagina procumbens*, L.
† *Spergularia rubra*, Presl.
† * *Hypericum perforatum*, L.
† *H. Canadense*, L.
† *H. Virginicum*, L.
† * *Malva rotundifolia*, L.
Geranium Robertianum, L.
† *Oxalis cymosa*, Small.
† *Impatiens biflora*, Walt.
† *Ilex verticillata*, Gray, var. *tenuifolia*, Watson.
Acer spicatum, L.
† *A. rubrum*, L.
Rhus copallina, L.
† *R. Toxicodendron*, L.
† * *Trifolium pratense*, L.
† * *T. repens*, L.
† * *Vicia Cracca*, L.
Lathyrus maritimus, Big. (one station, on rocks).
Prunus serotina, Ehrh.
† *Spiraea salicifolia*, L.
† *Rubus triflorus*, Richardson.
† *R. idaeus*, L., var. *strigosus*, Maxim.
† *R. argutus*, Link.
† *R. villosus*, Ait. (*R. Canadensis* of authors).
† *Fragaria Virginiana*, Miller (everywhere, since the sheep have been taken off the island).
- † *Potentilla argentea*, L.
† *P. littoralis*, Rydb.
† *P. tridentata*, Ait.
† *P. Anserina*, L.
† *P. simplex*, Michx.
† *Rosa Carolina*, L.
† *R. lucida*, Ehrh.
† *Pyrus arbutifolia*, L., var. *melanocarpa*, Hook. f.
Amelanchier Canadensis, T. & G.
† *Ribes oxyacanthoides*, L.
† *R. prostratum*, L'Her.
† *Drosera rotundifolia*, L.
† *D. intermedia*, Hayne, var. *Americana*, DC.
Epilobium angustifolium, L. (plentiful in one station).
E. coloratum, Muhl. (seen in one station on rocks).
Oenothera pumila, L.
Coelopleurum actaeifolium, Coult. & Rose (*C. Gmelini* of authors, not Ledeb.).
* *Heracleum lanatum*, Mx. (one station seen).
† * *Carum Carui*, L.
† *Cicuta maculata*, L.
† *Hydrocotyle Americana*, L.
† *Aralia nudicaulis*, L.
A. hispida, Vent.
† *Cornus Canadensis*, L.
Sambucus Canadensis, L.
† *Linnaea borealis*, Gronovius.
Houstonia caerulea, L.
Galium trifidum, L.
Galium triflorum, Michx.
† *Eupatorium perfoliatum*, L.
Solidago sempervirens, L.
S. nemoralis, L.

- † *Aster cordifolius*, L. Portland Soc. Nat. Hist.
Erigeron strigosus, Muhl. II, 85, on the unusual
Antennaria Parlinii, Fernald. downiness).
A. neodioica, Greene. † *P. maritima*, L.
† *Ambrosia artemisiaefolia*, L. † * *Chenopodium album*, L.
† * *Anthemis Cotula*, DC. † * *Rumex crispus*, L.
* *Achillea Millefolium*, L. † * *R. Acetosella*, L.
† * *Chrysanthemum Leucanthemum*, L. † * *Polygonum aviculare*, L.
† * *P. Persicaria*, L.
† * *Arctium minus*, Bernh. † *P. sagittatum*, L.
† * *Cnicus lanceolatus*, Hoffm. † *Urtica gracilis*, Ait.
† * *C. arvensis*, Hoffm. † *Myrica cerifera*, L.
* *Leontodon autumnalis*, L. *Betula papyrifera*, Marsh. (a
* *Hieracium aurantiacum*, L. few trees and a good many
† *Prenanthes trifoliolata*, Fernald. seedlings where spruces
† *P. altissima*, L. have been cut down).
† * *Taraxacum officinale*, Weber. † *Alnus viridis*, DC.
† * *T. erythrospermum*, Andr. *Populus tremuloides*, Michx.
(everywhere more com- † *P. balsamifera*, L.
mon than *T. officinale*). † *Picea alba*, Link.
† *Vaccinium Pennsylvanicum*, † *P. rubra*, Link.
Lam. *Abies balsamea*, Miller (more
† *V. Oxycoccus*, L. young than old growth).
Rhododendron Rhodora, Don. † *Juniperus communis*, L., var.
Moneses grandiflora, Salisb. *canadensis*, Loud.
† *Lysimachia stricta*, Ait. † *J. Sabina*, L., var. *procumbens*,
† * *Anagallis arvensis*, L. Pursh.
Gentiana crinita, Froel. (not *Liparis Loeselii*, Richard.
seen, but reported by re- *Spiranthes cernua*, Rich. (on
liable authority). good authority: not seen).
† *Menyanthes trifoliata*, L. † *Pogonia ophioglossoides*, Nutt.
† *Convolvulus Sepium*, L. † *Iris versicolor*, L.
† * *Verbascum Thapsus*, L. † *Sisyrinchium angustifolium*,
† *Rhinanthus Crista-galli*, L. Mill.
† *Lycopus sinuatus*, Ell. † *Maianthemum Canadense*, Desf.
† *Prunella vulgaris*, L. *Streptopus roseus*, Michx.
† *Plantago major*, L., var. *min- Medeola Virginiana*, L.
ima, Decaisne. (very com- *Typha latifolia*, L.
mon; see note in Proc. *Arisaema triphyllum*, Torr.

- Acorus Calamus*, L.
Carex folliculata, L.
C. intumescens, Rudge.
C. rostrata, Stokes.
C. lurida, Wahl.
C. maritima, Müll.
C. crinita, Lam.
C. debilis, Michx., var. *Rudgei*,
 Bailey.
C. flava, L.
C. flava, L., var. *pumila*, Coss.
C. pallescens, L.
C. conoidea, Schk.
C. aurea, Nutt. (Very unusual
 away from slate along the
 rivers of the interior.)
C. leptalea, Wahl. (*C. polytri-*
choides, Muhl.)
C. stipata, Muhl.
C. sterilis, Willd., var. *excelsior*,
 Bailey.
- C. canescens*, L., var. *vulgaris*,
 Bailey.
C. trisperma, Dewey.
C. foenea, Willd.
C. straminea, Willd., var. *aperta*,
 Boott.
 † *Equisetum arvense*, L.
 † *E. sylvaticum*, L.
Polypodium vulgare, L.
 † *Pteris aquilina*, L.
 † *Asplenium Filix-foemina*,
 Bernh.
 † *Phegopteris polypodioides*, Fée.
P. hexagonoptera, Fée.
 † *Aspidium Thelypteris*, Swartz.
 † *A. spinulosum*, Swartz.
 † *Onoclea sensibilis*, L.
 † *Osmunda regalis*, L.
O. Claytoniana, L.
 † *O. cinnamomea*, L.

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[It is worth while to compare the foregoing list with the plants found upon Mt. Desert Island, some sixty miles to the northeast. Of the species which Miss Cook has found upon Monhegan the following have not been seen upon Mt. Desert or the neighboring islands, — *Helianthemum majus*, *Rhus copallina*, *Gentiana crinita*, *Phegopteris hexagonoptera*, and *Carex aurea*, although the latter is reported from Eagle Island in Penobscot Bay. *Menyanthes*, while abundant upon Great Cranberry Isle, is rather rare upon the main island of Mt. Desert; *Cerastium arvense* has been found only upon the Duck Islands some distance seaward; and though *Ranunculus bulbosus* occurs on Mt. Desert it is as yet very rare. On the Duck Islands, as on Monhegan, *Taraxacum erythrospermum* is more abundant than *T. officinale*. *Aster cordifolius*, formerly known only at Somesville, the oldest permanent settlement on Mt. Desert, has recently established itself at more than a dozen points upon the Island and is spreading rapidly. — E. L. R.]